

Ashley Polymers Ashlene® 925-20PF Nylon 12, PTFE Lubricated

Category : Polymer , Thermoplastic , Nylon , Nylon 12 , Nylon 12, PTFE Filled

Material Notes:

20% filled PTFE lubricated, Nylon 12.Data provided by the manufacturer

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ashley-Polymers-Ashlene-925-20PF-Nylon-12-PTFE-Lubricated.php

Physical Properties	Metric	English	Comments
Density	1.14 g/cc	0.0412 lb/in ³	ASTM D792
Water Absorption	0.12 %	0.12 %	ASTM D570
Linear Mold Shrinkage	0.017 cm/cm	0.017 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	41.0 MPa	5950 psi	ATSM D638
Elongation at Break	20 %	20 %	ASTM D638
Flexural Strength	55.0 MPa	7980 psi	ASTM D790
Flexural Modulus	1.10 GPa	160 ksi	ASTM D790
Izod Impact, Notched	0.780 J/cm	1.46 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	180 °C	356 °F	ASTM D3418
Deflection Temperature at 1.8 MPa (264 psi)	49.0 °C	120 °F	ASTM D648

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